

ABSTRACT OF THE INVENTION

A protocol for use of growth factors to stimulate neuronal cell growth and activity in trkB receptor containing cortical tissues, including the entorhinal and hippocampal cortices.

The method introduces exogenous growth factor, such as BDNF, NT-4/5 and NT-3, into

5 the EC. The method is useful in therapy of defective, diseased and damaged neurons in the mammalian brain, of particular usefulness for treatment of neurodegenerative conditions such as Alzheimer's disease or for normal aging.